

# Tuberculosis surveillance and monitoring in Europe 2015

## Germany

Total population at 1 January 2013 by EUROSTAT: 81 835 450

### Tuberculosis case notifications, 2013

Total number of cases	4 318
Notification rate per 100 000	5.3
New* & relapses	4 193
New* & relapses notification rate per 100 000	5.1
Pulmonary	3 298 (76.4%)
of which smear-positive	1 181 (35.8%)
of which laboratory confirmed	2 573 (78.0%)
Laboratory-confirmed TB cases	3 150 (73.0%)
Mean age of new native TB cases	54.6 years
Mean age of new foreign TB cases	41.5 years
Foreign origin of all TB cases	2 309 (53.5%)
New (not previously treated)	4 058 (94.0%)

\* Cases with unknown previous treatment included as new cases.

### Drug resistance surveillance & TB-HIV co-infection, 2013

Completeness of DRS data*	Yes
Completeness of HIV data**	-
Case-linked data reporting	Yes
Cases with DST results	2 901 (92.1%)
Estimated MDR N, (best-low-high)	120-95-150
Pulmonary MDR cases	85 (3.6%)
of which XDR cases	2 (2.4%)
All MDR cases	100 (3.4%)
of which XDR cases	2 (2.0%)
TB cases tested for HIV	-
HIV-positive TB cases	-
of these on antiretroviral therapy	-

\* National coverage 100% or culturing 90%, C+/All TB cases 50%, DST done for C+ 75%, EQA 95%

\*\* More than 50% of TB cases tested for HIV.

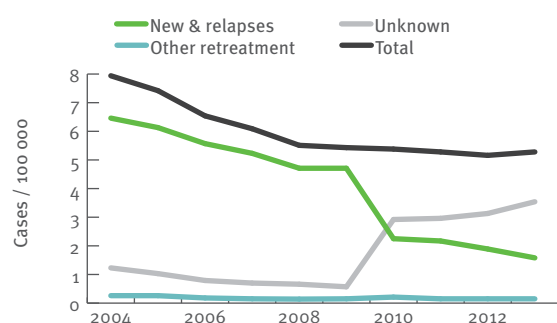
### Treatment outcome monitoring

Geographical coverage	National	
	New culture positive pulmonary TB cases notified in 2012*	All MDR TB cases notified in 2011**
Outcome cohort		
Case-linked data reporting	Yes	
Cases notified	807	56
Success	604 (74.8%)	30 (53.6%)
Died	100 (12.4%)	4 (7.1%)
Failed	1 (0.1%)	0 (0.0%)
Lost to follow up	17 (2.1%)	2 (3.6%)
Still on treatment	28 (3.5%)	3 (5.4%)
Not evaluated	57 (7.1%)	17 (30.4%)

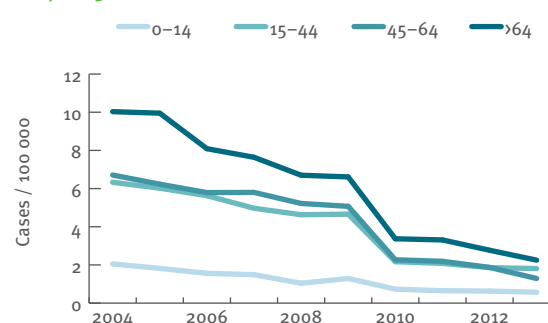
\* Treatment outcome as presented is treatment outcome after 12 months.

\*\* Treatment outcome as presented is treatment outcome after 24 months.

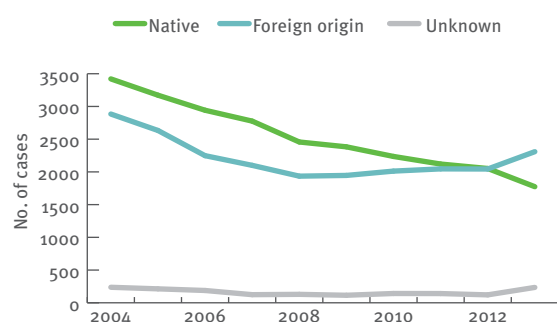
### Tuberculosis notification rates by treatment history, 2004–2013



### New TB cases and relapses - notification rates by age group, 2004–2013



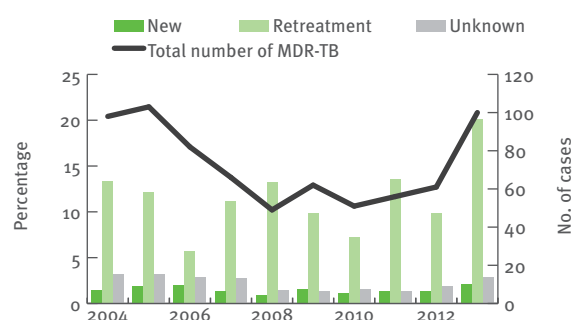
### Tuberculosis cases by geographical origin, 2004–2013



### TB-HIV co-infection, 2006–2013

Data not available

### MDR TB cases by previous treatment history, 2004–2013



### Treatment outcome, new pulmonary culture-positive cases, 2003–2012

